Release 3.1A John F. Collins, Biocomputing Research Unit.

MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Thu Jan 13 23:39:42 2000; MasPar time 73.29 Seconds
1179.858 Million cell updates/sec

Tabular output not generated.

Title: >US-08-978-217-15
Description: (2701-3700) from US08978217.seq (4 of 10)
Perfect Score: 1000
N.A. Sequence: 2701 TCATTAAACCAGCCAGGCCT.....GGCTCCTGCTCCTCCGACTA 3700
Comp: AGTAATTTGGTCGGTCCGGA.....CCGAGGACGAGGAGGCTGAT

Scoring table: TABLE default
Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.645; Variance 5.129; scale 1.686

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description	Pred. No.
	1	70	7.0	1920	3	US-08-746-	Sequence 1, Applicatio	1.01e-28
	2	49	4.9	7218	2	US-08-232-	Sequence 14, Applicati	1.98e-15
	3	48	4.8	11236	1	US-07-853-	Sequence 1, Applicatio	8.12e-15
	4	43	4.3	215	1	US-08-238-	Sequence 5, Applicatio	8.53e-12
	5	42	4.2	377	3	US-08-332-	Sequence 1, Applicatio	3.36e-11
	6	41	4.1	965	3	US-08-388-	Sequence 22, Applicati	1.32e-10
	7	38	3.8	252	3	US-08-332-	Sequence 28, Applicati	7.51e-09
	8	38	3.8	329	3	US-08-332-	Sequence 29, Applicati	7.51e-09
c	9	38	3.8	7218	2	US-08-232-	Sequence 14, Applicati	7.51e-09
c	10	37	3.7	2244	4	PCT-US95-0	Sequence 1, Applicatio	2.84e-08
c	11	37	3.7	2244	3	US-08-203-	Sequence 1, Applicatio	2.84e-08
	12	36	3.6	276	3	US-08-332-	Sequence 30, Applicati	1.06e-07
c	13	36	3.6	941	3	US-08-203-	Sequence 3, Applicatio	1.06e-07
c	14	36	3.6	941	4	PCT-US95-0	Sequence 3, Applicatio	1.06e-07
c	15	36	3.6	965	3	US-08-388-	Sequence 22, Applicati	1.06e-07
	16	36	3.6	3680	4	PCT-US95-0	Sequence 1, Applicatio	1.06e-07
	17	36	3.6	3680	2	US-08-759-	Sequence 1, Applicatio	1.06e-07
	18	35	3.5	36	2	US-08-068-	Sequence 8, Applicatio	3.95e-07
	19	34	3.4	54	4	PCT-US92-0	Sequence 2, Applicatio	1.45e-06
c	20	34	3.4	183	4	PCT-US95-0	Sequence 3, Applicatio	1.45e-06
c	21	34	3.4	183	3	US-08-255-	Sequence 3, Applicatio	1.45e-06
c	22	34	3.4	710	4	PCT-US95-0	Sequence 2, Applicatio	1.45e-06
c	23	34	3.4	710	3	US-08-255-	Sequence 2, Applicatio	1.45e-06
	24	34	3.4	1505	1	US-07-915-	Sequence 1, Applicatio	1.45e-06
	25	34	3.4	4155	3	US-08-611-	Sequence 1, Applicatio	1.45e-06
	26	34	3.4	4155	1	US-08-304-	Sequence 1, Applicatio	1.45e-06
	27	34	3.4	4155	4	PCT-US92-0	Sequence 1, Applicatio	1.45e-06
	28	34	3.4	4155	1	US-08-158-	Sequence 1, Applicatio	1.45e-06
	29	34	3.4	4155	2	US-08-316-	Sequence 1, Applicatio	1.45e-06
	30	34	3.4	4155	1	US-07-876-	Sequence 1, Applicatio	1.45e-06
	31	34	3.4	4155	1	US-07-675-	Sequence 1, Applicatio	1.45e-06
	32	34	3.4	4155	5	5281530-2	Patent No. 5281530.	1.45e-06
	33	34	3.4	4155	5	5426049-2	Patent No. 5426049.	1.45e-06
	34	34	3.4	4155	1	US-08-063-	Sequence 1, Applicatio	1.45e-06
c	35	33	3.3	215	1	US-08-238-	Sequence 5, Applicatio	5.26e-06
c	36	33	3.3	297	1	US-08-222-	Sequence 33, Applicati	5.26e-06
c	37	33	3.3	3596	3	US-08-779-	Sequence 5, Applicatio	5.26e-06
c	38	33	3.3	3632	3	US-08-779-	Sequence 3, Applicatio	5.26e-06
c	39	33	3.3	3632	3	US-08-779-	Sequence 4, Applicatio	5.26e-06
	40	33	3.3	10747	4	PCT-US93-0	Sequence 1, Applicatio	5.26e-06
	41	33	3.3	24979	4	PCT-US93-0	Sequence 3, Applicatio	5.26e-06
c	42	32	3.2	38	4	PCT-US95-0	Sequence 1, Applicatio	1.89e-05
c	43	32	3.2	38	2	US-08-563-	Sequence 1, Applicatio	1.89e-05
	44	32	3.2	605	4	PCT-US96-0	Sequence 89, Applicati	1.89e-05
	45	32	3.2	3535	3	US-08-618-	Sequence 1, Applicatio	1.89e-05

ALIGNMENTS

RESULT 1
ID US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC xxxxxx
DT
DE Sequence 1, Application US/08746789A
CC Sequence 1, Application US/08746789A
CC Patent No. 5789200
CC GENERAL INFORMATION:
CC APPLICANT: Ismail Kola, Martin J. Tymms, Christine DeBouck
CC TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: SmithKline Beecham Corporation
CC STREET: 709 Swedeland Road, P.O. Box 1539
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406-0939
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
CC COMPUTER: IBM 486
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
CC SOFTWARE: MICROSOFT WORD
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/746,789A
CC FILING DATE: No. 5789200ember 15, 1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: William T. Han
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ATG 50024
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610 270 5219
CC TELEFAX: 610 270 4026
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1920
CC TYPE: Nucleic Acid
CC STRANDEDNESS: Single
CC TOPOLOGY: Linear
CC ANTI-SENSE: No

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SQ   SEQUENCE 1920 BP; 422 A; 561 C; 550 G; 387 T; 0 OTHER.

  Query Match            7.0%;  Score 70;  DB 3;  Length 1920;
  Best Local Similarity  78.2%;  Pred. No. 1.01e-28;
  Matches    97;  Conservative    0;  Mismatches  27;  Indels   0;  Gaps   0;

Db      83 CCACAGCCGGACTCCGCCACCCCGGTAGCCTCATGGCTGCAACCTGTGAGATTAGCAACA 142
           || || |  | |||| |  ||| ||   ||||||||||| ||||||||||| ||||||
Qy    3572 CCCCACCTTGTCTCCTCTTCCCAGGGGCCCTCATGGCTGCCACCTGTGAGATCAGCAACG 3631

Db     143 TTTTTAGCAACTACTTCAGTGCGATGTACAGCTCGGAGGACTCCACCTTGGCCTCTGTTC 202
           ||||||| ||||||||||  || ||||||||||| || ||| ||||| |||| ||| ||
Qy    3632 TTTTTAGTAACTACTTCAACGCCATGTACAGCTCAGAAGACCCCACCCTGGCTCCTGCTC 3691

Db     203 CCCC 206
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Qy    3692 CTCC 3695


RESULT    2
ID   US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC   xxxxxx
DT
DE   Sequence 14, Application US/08232463
CC   Sequence 14, Application US/08232463
CC   Patent No. 5670367
CC    GENERAL INFORMATION:
CC      APPLICANT:  DORNER, F.
CC      APPLICANT:  SCHEIFLINGER, F.
CC      APPLICANT:  FALKNER, F. G.
CC      TITLE OF INVENTION:  RECOMBINANT FOWLPOX VIRUS
CC      NUMBER OF SEQUENCES:  52
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Foley & Lardner
CC        STREET:  1800 Diagonal Road, Suite 500
CC        CITY:  Alexandria
CC        STATE:  VA
CC        COUNTRY:  USA
CC        ZIP:  22313-0299
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/232,463
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US/07/935,313
CC        FILING DATE:
CC        APPLICATION NUMBER:  EP 91 114 300.6
CC        FILING DATE:  26-AUG-1991
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BENT, Stephen A.
CC        REGISTRATION NUMBER:  29,768
CC        REFERENCE/DOCKET NUMBER:  30472/114 IMMU
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (703)836-9300
CC        TELEFAX:  (703)683-4109
CC        TELEX:  899149
CC     INFORMATION FOR SEQ ID NO:  14:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  7218 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      IMMEDIATE SOURCE:
CC        CLONE:  pTZgpt-F1s
SQ   SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

  Query Match            4.9%;  Score 49;  DB 2;  Length 7218;
  Best Local Similarity  0.9%;  Pred. No. 1.98e-15;

  Matches     2;  Conservative  137;  Mismatches  90;  Indels   0;  Gaps   0;

Db    1064 GATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1123
           || ::::: :::: :::: :::    :  :     :  : ::::  :: : ::: :: :
Qy    2882 GAGCTCCTGCTTTGCTCTATTTAGAGCGGGTGGGGGCAGCGCCCTGGCCACACTCATCAC 2941

Db    1124 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1183
           : :: ::: :    ::::: :: :::   :::::::::::::: :  ::::     :::
Qy    2942 TGCTACCTGCGGAGCCTTCGACCGCTTAGATTTTTTCCCTTCCTGTGGCCTCAGAAGCCT 3001

Db    1184 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1243
            ::: ::: ::: :: : ::   ::::  : : ::::  : :  :: : :::::  :::
Qy    3002 GCTCACCCGCCTGCCACACCGAACCCTGACACACCTCGGTACGGTCACATTCCCTAACTC 3061

Db    1244 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1292
           :  ::::     :: :::  :   ::: :  ::::   :::  :: :::
Qy    3062 TGGCTCCAGGAACCGTCCAGTGGATTTACAGTTCTGAACTTAATCACTC 3110


RESULT    3
ID   US-07-853-913-1 STANDARD; DNA; UNC; 11236 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application US/07853913
CC   Sequence 1, Application US/07853913
CC   Patent No. 5338839
CC    GENERAL INFORMATION:
CC      APPLICANT:  McKay, Ronald D.G.
CC      APPLICANT:  Lendahl, Urban
CC      TITLE OF INVENTION:  Nestin Expression As An Indicator of
CC      TITLE OF INVENTION:  Neuroepithelial Tumors
CC      NUMBER OF SEQUENCES:  4
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Hamilton, Brook, Smith & Reynolds, P.C.
CC        STREET:  Two Militia Drive
CC        CITY:  Lexington
CC        STATE:  Massachusetts
CC        COUNTRY:  U.S.A.
CC        ZIP:  02173
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/07/853,913
CC        FILING DATE:  19920319
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US 07/660,412
CC        FILING DATE:  22-FEB-1991
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US 07/603,803
CC        FILING DATE:  25-OCT-1990
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US 07/201,762
CC        FILING DATE:  02-JUN-1988
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US 07/180,548
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Granahan, Patricia
CC        REGISTRATION NUMBER:  32,227
CC        REFERENCE/DOCKET NUMBER:  MIT-4641AAAA
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  617-861-6240
CC        TELEFAX:  617-861-9540
CC     INFORMATION FOR SEQ ID NO:  1:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  11236 base pairs
CC        TYPE:  NUCLEIC ACID
CC        STRANDEDNESS:  double
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
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SQ   SEQUENCE 11236 BP; 2876 A; 2678 C; 3258 G; 2424 T; 0 OTHER.

  Query Match             4.8%;  Score 48;  DB 1;  Length 11236;
  Best Local Similarity  90.0%;  Pred. No. 8.12e-15;
  Matches    54;  Conservative    0;  Mismatches   6;  Indels   0;  Gaps   0;

Db   2021 TGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGTGTG 2080
           |||||||| |||||||||||||||||||||||||||||||||||||||   ||| | |||||||
Qy   3390 TGGTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGTGTGTTTGTGTGTG 3449


RESULT    4
ID   US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC   xxxxxx
DT
DE   Sequence 5, Application US/08238163
CC   Sequence 5, Application US/08238163
CC   Patent No. 5569830
CC    GENERAL INFORMATION:
CC      APPLICANT:  BENNETT, Alan
CC      APPLICANT:  LABAVITCH, John M.
CC      APPLICANT:  POWELL, Ann
CC      APPLICANT:  STOTZ, Henrik
CC      TITLE OF INVENTION:  PLANT INHIBITORS OF FUNGAL
CC      TITLE OF INVENTION:  POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
CC      NUMBER OF SEQUENCES:  24
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Townsend and Townsend Khourie and Crew
CC        STREET:  Steuart Street Tower, One Market Plaza
CC        CITY:  San Francisco
CC        STATE:  California
CC        COUNTRY:  US
CC        ZIP:  94105-1493
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/238,163
CC        FILING DATE:  03-MAY-1994
CC        CLASSIFICATION:  800
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Bastian, Kevin L.
CC        REGISTRATION NUMBER:  34,774
CC        REFERENCE/DOCKET NUMBER:  2307E-540
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415) 543-9600
CC        TELEFAX:  (415) 543-5043
CC     INFORMATION FOR SEQ ID NO:  5:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH:  215 base pairs
CC         TYPE:  nucleic acid
CC         STRANDEDNESS:  single
CC         TOPOLOGY:  unknown
CC       MOLECULE TYPE:  protein
CC       FEATURE:
CC         NAME/KEY:  misc_feature
CC         LOCATION:  1..215
CC         OTHER INFORMATION:  /standard_name= "Deduced amino acid
CC         OTHER INFORMATION:  sequence of PGIP from bean."
SQ   SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

  Query Match             4.3%;  Score 43;  DB 1;  Length 215;
  Best Local Similarity  16.9%;  Pred. No. 8.53e-12;
  Matches    23;  Conservative   56;  Mismatches  57;  Indels   0;  Gaps   0;

Db     52 VNNDSGHNKYSSANYNYGGNNVGAAKTHYYTHTNVSGADSKTVTDSYNASGTSSSNGGTD 111
          :  ::|: :: :| : : |  :  | |: :|:  ::  ::  :|::: |: |::   ||:
Qy   3079 CAGTGGATTTACAGTTCTGAACTTAATCACTCAGGCTTGGAGGTTCCTAGCTGGAGTGTT 3138

Db    112 GNRSGADSYGSSKTAMTSRNRTGKTANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVGS 171
           | ::  :::| ::   |.  ||: |   :::: :|: ::| :   ::: : : :|:: :
Qy   3139 GGGGCTACTGTGGGTGTATTCTGGGACTGGTCAGAGACCAGATCGGTGTCTTGGAGGGAC 3198

Db    172 KNNGDRNNRYGTGTKS 187
             |::   : | |::
Qy   3199 AGGGTGGCTTCTTTGG 3214


RESULT    5
ID   US-08-332-766A-1 STANDARD; DNA; UNC; 377 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application US/08332766A
CC   Sequence 1, Application US/08332766A
CC   Patent No. 5843647
CC    GENERAL INFORMATION:
CC      APPLICANT:  JEFFREYS, Alec J.
CC      APPLICANT:  ARMOUR, John
CC      TITLE OF INVENTION:  SIMPLE TANDEM REPEATS
CC      NUMBER OF SEQUENCES:  125
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  CUSHMAN DARBY & CUSHMAN, L.L.P.
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  D. C.
CC        COUNTRY:  U.S.A.
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/332,766A
CC        FILING DATE:  01-NOV-1994
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  GB 9326052.9
CC        FILING DATE:  21-DEC-1993
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BIRD, Donald J.
CC        REGISTRATION NUMBER:  25,323
CC        REFERENCE/DOCKET NUMBER:  217211/M94/0434/GB
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (202) 861-3000
CC        TELEFAX:  (202) 822-0944
CC        TELEX:  6714627 CUSH
CC     INFORMATION FOR SEQ ID NO:  1:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH:  377 base pairs
CC         TYPE:  nucleic acid
CC         STRANDEDNESS:  single
CC         TOPOLOGY:  linear
CC       MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 377 BP; 70 A; 48 C; 143 G; 114 T; 2 OTHER.

  Query Match             4.2%;  Score 42;  DB 3;  Length 377;
  Best Local Similarity  75.6%;  Pred. No. 3.36e-11;
  Matches    62;  Conservative    0;  Mismatches  20;  Indels   0;  Gaps   0;

Db    132 TGATGGTGATGGTGATGGTGGTGATGATGGTGGTGGTGATGGTGGTGGTGATGGTGGTGG 191
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Qy   3390 TGGTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGTGTGTGTTTGTGTGTG 3449

Db    192 TGATGGGGTGGTGACGGTGATG 213
          ||  | |||||  |  |||| ||
Qy   3450 TGTGGTGGTGGGGGGGGTGTTG 3471


RESULT    6
ID   US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC   xxxxxx
DT
DE   Sequence 22, Application US/08388672A
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CC   Sequence 22, Application US/08388672A
CC   Patent No. 5795961
CC    GENERAL INFORMATION:
CC      APPLICANT:  Wallace, T. Paul
CC      APPLICANT:  Harris, William J.
CC      APPLICANT:  Carr, Frank J.
CC      APPLICANT:  Old, Lloyd J.
CC      APPLICANT:  Welt, Sydney
CC      APPLICANT:  Kitamura, Kunio
CC      TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC      TITLE OF INVENTION:  Antibodies
CC      NUMBER OF SEQUENCES:  25
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Felfe and Lynch
CC        STREET:  805 Third Avenue
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10022
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/388,672A
CC        FILING DATE:  14-FEB-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Hanson, No. 5795961man D.
CC        REGISTRATION NUMBER:  30,946
CC        REFERENCE/DOCKET NUMBER:  LUD 5409
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212-688-9200
CC        TELEFAX:  212-838-3884
CC    INFORMATION FOR SEQ ID NO:  22:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  965 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  unknown
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

  Query Match             4.1%;  Score 41;  DB 3;  Length 965;
  Best Local Similarity  20.3%;  Pred. No. 1.32e-10;
  Matches    25;  Conservative   58;  Mismatches  39;  Indels   1;  Gaps   1;

Db     776 GGTKKGURHUVHVSGGVRSTSTCTASDYTTSYWGWVRGRGWGDYGGGYTNYNGKRGRVTM 835
           |||::  :: ::: | : :| | |  :: |:: |::: :| |: || |    ::|:: :
Qy    3421 GGTGGTGGTGGTGTGTGTGTTTGTGTGTGTGGTGGTGGGGGGGGGTGTTGAAGAGAGAA 3480

Db     836 ADTSSNSRSSVTAADT-AVYYCVRGRSYDSDGGDYWGGTTVTVSSHUVKDMTSSSSASVG 894
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Qy    3481 TGTCTACAGCAACACTGAACTTCCTGCCTCTCGGCTGTTGCTGCCCAGGCTTTGCCAGAC 3540

Db     895 DRV 897
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Qy    3541 AGA 3543


RESULT    7
ID   US-08-332-766A-28 STANDARD; DNA; UNC; 252 BP.
AC   xxxxxx
DT
DE   Sequence 28, Application US/08332766A
CC   Sequence 28, Application US/08332766A
CC   Patent No. 5843647
CC    GENERAL INFORMATION:
CC      APPLICANT:  JEFFREYS, Alec J.
CC      APPLICANT:  ARMOUR, John
CC      TITLE OF INVENTION:  SIMPLE TANDEM REPEATS
CC      NUMBER OF SEQUENCES:  125
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  CUSHMAN DARBY & CUSHMAN, L.L.P.
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  D. C.
CC        COUNTRY:  U.S.A.
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/332,766A
CC        FILING DATE:  01-NOV-1994
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  GB 9326052.9
CC        FILING DATE:  21-DEC-1993
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BIRD, Donald J.
CC        REGISTRATION NUMBER:  25,323
CC        REFERENCE/DOCKET NUMBER:  217211/M94/0434/GB
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (202) 861-3000
CC        TELEFAX:  (202) 822-0944
CC        TELEX:  6714627 CUSH
CC    INFORMATION FOR SEQ ID NO:  28:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  252 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 252 BP; 68 A; 30 C; 84 G; 70 T; 0 OTHER.

  Query Match             3.8%;  Score 38;  DB 3;  Length 252;
  Best Local Similarity  95.2%;  Pred. No. 7.51e-09;
  Matches    40;  Conservative    0;  Mismatches   2;  Indels   0;  Gaps   0;

Db      87 GGTGGTGGTGGTGGTGGTGGTGGTGGTGGCGGTGGTGGTGGT 128
           ||||||| ||||||||||||||||||| ||||||||||||
Qy    3391 GGTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 3432


RESULT    8
ID   US-08-332-766A-29 STANDARD; DNA; UNC; 329 BP.
AC   xxxxxx
DT
DE   Sequence 29, Application US/08332766A
CC   Sequence 29, Application US/08332766A
CC   Patent No. 5843647
CC    GENERAL INFORMATION:
CC      APPLICANT:  JEFFREYS, Alec J.
CC      APPLICANT:  ARMOUR, John
CC      TITLE OF INVENTION:  SIMPLE TANDEM REPEATS
CC      NUMBER OF SEQUENCES:  125
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  CUSHMAN DARBY & CUSHMAN, L.L.P.
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  D. C.
CC        COUNTRY:  U.S.A.
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/332,766A
CC        FILING DATE:  01-NOV-1994
CC        CLASSIFICATION:  435
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CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  GB 9326052.9
CC        FILING DATE:  21-DEC-1993
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BIRD, Donald J.
CC        REGISTRATION NUMBER:  25,323
CC        REFERENCE/DOCKET NUMBER:  217211/M94/0434/GB
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (202) 861-3000
CC        TELEFAX:  (202) 822-0944
CC        TELEX:  6714627 CUSH
CC    INFORMATION FOR SEQ ID NO:  29:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  329 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 329 BP; 83 A; 72 C; 84 G; 90 T; 0 OTHER.

  Query Match             3.8%;  Score 38;  DB 3;  Length 329;
  Best Local Similarity  95.2%;  Pred. No. 7.51e-09;
  Matches    40;  Conservative    0;  Mismatches   2;  Indels   0;  Gaps   0;

Db     94 CTTTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 135
          ||| |||||| ||||||||||||||||||||||||||||||||
Qy   3388 CTTGGTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 3429


RESULT    9
ID   US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC   xxxxxx
DT
DE   Sequence 14, Application US/08232463
CC   Sequence 14, Application US/08232463
CC   Patent No. 5670367
CC    GENERAL INFORMATION:
CC      APPLICANT:  DORNER, F.
CC      APPLICANT:  SCHEIFLINGER, F.
CC      APPLICANT:  FALKNER, F. G.
CC      TITLE OF INVENTION:  RECOMBINANT FOWLPOX VIRUS
CC      NUMBER OF SEQUENCES:  52
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Foley & Lardner
CC        STREET:  1800 Diagonal Road, Suite 500
CC        CITY:  Alexandria
CC        STATE:  VA
CC        COUNTRY:  USA
CC        ZIP:  22313-0299
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/232,463
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US/07/935,313
CC        FILING DATE:
CC        APPLICATION NUMBER:  EP 91 114 300.6
CC        FILING DATE:  26-AUG-1991
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BENT, Stephen A.
CC        REGISTRATION NUMBER:  29,768
CC        REFERENCE/DOCKET NUMBER:  30472/114 IMMU
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (703)836-9300
CC        TELEFAX:  (703)683-4109
CC        TELEX:  899149
CC    INFORMATION FOR SEQ ID NO:  14:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  7218 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      IMMEDIATE SOURCE:
CC        CLONE:  pTZgpt-F1s
SQ   SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

  Query Match             3.8%;  Score 38;  DB 2;  Length 7218;
  Best Local Similarity   1.4%;  Pred. No. 7.51e-09;
  Matches     2;  Conservative   90;  Mismatches  54;  Indels   0;  Gaps   0;

Db   1064 GATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1123
          || ::::::::::::   :::::  : : : :::::  :: :  :::   ::  :  :::
Cp   2887 GAGCTCCTCCCCTCCAGGTCTTCGGCGTACGTCCCCGGTTGTAACCTGAGCTGGTGGCTC 2828

Db   1124 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1183
           ::   : ::     ::::::  :::::   ::   :::::: :::: : :  ::: : :
Cp   2827 ATTGGATGCTGGGGATTTCCTGGCCTTCAGACTGGGCTCCCTGTCCCATGTGATTTGCAT 2768

Db   1184 YYYYYYYYYYYYYYYYYYYYYYYYY 1209
           :::: : :: :::  ::: : ::::
Cp   2767 ATTCCGTGCCACTTGGCCCATATCCT 2742


RESULT   10
ID   PCT-US95-01882A-1 STANDARD; DNA; UNC; 2244 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application PC/TUS9501882A
CC   Sequence 1, Application PC/TUS9501882A
CC    GENERAL INFORMATION:
CC      APPLICANT:  Gorski, David H.
CC      APPLICANT:  Walsh, Kenneth
CC      TITLE OF INVENTION:  Growth Arrest Homeobox Gene
CC      NUMBER OF SEQUENCES:  4
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Calfee, Halter, and Griswold
CC        STREET:  800 Superior Avenue
CC        CITY:  Cleveland
CC        STATE:  Ohio
CC        COUNTRY:  U.S.A.
CC        ZIP:  44114-2688
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  PCT/US95/01882A
CC        FILING DATE:
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Golrick, Mary E.
CC        REGISTRATION NUMBER:  34829
CC        REFERENCE/DOCKET NUMBER:  22311/00114
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (216) 622-8200
CC        TELEFAX:  (216) 241-0816
CC        TELEX:  980499
CC    INFORMATION FOR SEQ ID NO:  1:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  2244 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  both
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
CC      HYPOTHETICAL:  NO
CC      ANTI-SENSE:  NO
CC      FEATURE:
CC        NAME/KEY:  CDS
CC        LOCATION:  197..1108
SQ   SEQUENCE 2244 BP; 643 A; 533 C; 522 G; 546 T; 0 OTHER.
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  Query Match             3.7%;  Score 37;  DB 4;  Length 2244;
  Best Local Similarity  87.8%;  Pred. No. 2.84e-08;
  Matches    43;  Conservative    0;  Mismatches   6;  Indels   0;  Gaps   0;

Db    398 CACCACCACCACCACCACCACCACCATCACCACCACCAGCAGCAGCAGC 446
          ||||||||||||||||||||||||||| |||||||| || || ||  |||
Cp   3433 CACCACCACCACCACCACCACCACCACCACCATCACCACCAAGAGC 3385


RESULT   11
ID   US-08-203-532F-1 STANDARD; DNA; UNC; 2244 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application US/08203532F
CC   Sequence 1, Application US/08203532F
CC   Patent No. 5856121
CC    GENERAL INFORMATION:
CC      APPLICANT:  Gorski, David H.
CC      APPLICANT:  Walsh, Kenneth
CC      TITLE OF INVENTION:  Growth Arrest Homeobox Gene
CC      NUMBER OF SEQUENCES:  19
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Calfee, Halter, and Griswold
CC        STREET:  800 Superior Avenue
CC        CITY:  Cleveland
CC        STATE:  Ohio
CC        COUNTRY:  U.S.A.
CC        ZIP:  44114-2688
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/203,532F
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Golrick, Mary E.
CC        REGISTRATION NUMBER:  34829
CC        REFERENCE/DOCKET NUMBER:  22311/00114
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (216) 622-8200
CC        TELEFAX:  (216) 241-0816
CC        TELEX:  980499
CC    INFORMATION FOR SEQ ID NO:  1:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  2244 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  both
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
CC      HYPOTHETICAL:  NO
CC      ANTI-SENSE:  NO
CC      FEATURE:
CC        NAME/KEY:  CDS
CC        LOCATION:  197..1108
SQ   SEQUENCE 2244 BP; 643 A; 533 C; 522 G; 546 T; 0 OTHER.

  Query Match             3.7%;  Score 37;  DB 3;  Length 2244;
  Best Local Similarity  87.8%;  Pred. No. 2.84e-08;
  Matches    43;  Conservative    0;  Mismatches   6;  Indels   0;  Gaps   0;

Db    398 CACCACCACCACCACCACCACCACCATCACCACCACCAGCAGCAGCAGC 446
          ||||||||||||||||||||||||||| |||||||| || || ||  |||
Cp   3433 CACCACCACCACCACCACCACCACCACCACCATCACCACCAAGAGC 3385


RESULT   12
ID   US-08-332-766A-30 STANDARD; DNA; UNC; 276 BP.
AC   xxxxxx
DT
DE   Sequence 30, Application US/08332766A
CC   Sequence 30, Application US/08332766A
CC   Patent No. 5843647
CC    GENERAL INFORMATION:
CC      APPLICANT:  JEFFREYS, Alec J.
CC      APPLICANT:  ARMOUR, John
CC      TITLE OF INVENTION:  SIMPLE TANDEM REPEATS
CC      NUMBER OF SEQUENCES:  125
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  CUSHMAN DARBY & CUSHMAN, L.L.P.
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  D. C.
CC        COUNTRY:  U.S.A.
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/332,766A
CC        FILING DATE:  01-NOV-1994
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  GB 9326052.9
CC        FILING DATE:  21-DEC-1993
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BIRD, Donald J.
CC        REGISTRATION NUMBER:  25,323
CC        REFERENCE/DOCKET NUMBER:  217211/M94/0434/GB
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (202) 861-3000
CC        TELEFAX:  (202) 822-0944
CC        TELEX:  6714627 CUSH
CC    INFORMATION FOR SEQ ID NO:  30:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  276 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 276 BP; 44 A; 63 C; 92 G; 76 T; 1 OTHER.

  Query Match             3.6%;  Score 36;  DB 3;  Length 276;
  Best Local Similarity  92.9%;  Pred. No. 1.06e-07;
  Matches    39;  Conservative    0;  Mismatches   3;  Indels   0;  Gaps   0;

Db     71 GTGGTGATGGTGGTGGTGATGGTGGTGGTGGTGGCGGTGATG 112
          |||||||||||||||||| |||||||||||||| |||| ||
Qy   3392 GTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTG 3433


RESULT   13
ID   US-08-203-532F-3 STANDARD; DNA; UNC; 941 BP.
AC   xxxxxx
DT
DE   Sequence 3, Application US/08203532F
CC   Sequence 3, Application US/08203532F
CC   Patent No. 5856121
CC    GENERAL INFORMATION:
CC      APPLICANT:  Gorski, David H.
CC      APPLICANT:  Walsh, Kenneth
CC      TITLE OF INVENTION:  Growth Arrest Homeobox Gene
CC      NUMBER OF SEQUENCES:  19
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Calfee, Halter, and Griswold
CC        STREET:  800 Superior Avenue
CC        CITY:  Cleveland
CC        STATE:  Ohio
CC        COUNTRY:  U.S.A.
CC        ZIP:  44114-2688
CC      COMPUTER READABLE FORM:
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CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/203,532F
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Golrick, Mary E.
CC        REGISTRATION NUMBER:  34829
CC        REFERENCE/DOCKET NUMBER:  22311/00114
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (216) 622-8200
CC        TELEFAX:  (216) 241-0816
CC        TELEX:  980499
CC    INFORMATION FOR SEQ ID NO:  3:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  941 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  both
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
CC      HYPOTHETICAL:  NO
CC      ANTI-SENSE:  NO
CC      FEATURE:
CC        NAME/KEY:  CDS
CC        LOCATION:  33..941
SQ   SEQUENCE 941 BP; 252 A; 293 C; 242 G; 154 T; 0 OTHER.

  Query Match            3.6%;  Score 36;  DB 3;  Length 941;
  Best Local Similarity  89.1%;  Pred. No. 1.06e-07;
  Matches    41;  Conservative    0;  Mismatches   5;  Indels   0;  Gaps   0;

Db    234 CACCACCACCACCACCACCACCATCACCACCATCAGCAGCAGCAGC 279
          ||||||||||||||||||||||| |||||||||| || ||  |||
Cp   3430 CACCACCACCACCACCACCACCACCACCATCACCACCAAGAGC 3385


RESULT   14
ID   PCT-US95-01882A-3 STANDARD; DNA; UNC; 941 BP.
AC   xxxxxx
DT
DE   Sequence 3, Application PC/TUS9501882A
CC   Sequence 3, Application PC/TUS9501882A
CC    GENERAL INFORMATION:
CC      APPLICANT:  Gorski, David H.
CC      APPLICANT:  Walsh, Kenneth
CC      TITLE OF INVENTION:  Growth Arrest Homeobox Gene
CC      NUMBER OF SEQUENCES:  4
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Calfee, Halter, and Griswold
CC        STREET:  800 Superior Avenue
CC        CITY:  Cleveland
CC        STATE:  Ohio
CC        COUNTRY:  U.S.A.
CC        ZIP:  44114-2688
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  PCT/US95/01882A
CC        FILING DATE:
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Golrick, Mary E.
CC        REGISTRATION NUMBER:  34829
CC        REFERENCE/DOCKET NUMBER:  22311/00114
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (216) 622-8200
CC        TELEFAX:  (216) 241-0816
CC        TELEX:  980499
CC    INFORMATION FOR SEQ ID NO:  3:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  941 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  both
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
CC      HYPOTHETICAL:  NO
CC      ANTI-SENSE:  NO
CC      FEATURE:
CC        NAME/KEY:  CDS
CC        LOCATION:  33..941
SQ   SEQUENCE 941 BP; 252 A; 293 C; 242 G; 154 T; 0 OTHER.

  Query Match            3.6%;  Score 36;  DB 4;  Length 941;
  Best Local Similarity  89.1%;  Pred. No. 1.06e-07;
  Matches    41;  Conservative    0;  Mismatches   5;  Indels   0;  Gaps   0;

Db    234 CACCACCACCACCACCACCACCATCACCACCATCAGCAGCAGCAGC 279
          ||||||||||||||||||||||| |||||||||| || ||  |||
Cp   3430 CACCACCACCACCACCACCACCACCACCATCACCACCAAGAGC 3385


RESULT   15
ID   US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC   xxxxxx
DT
DE   Sequence 22, Application US/08388672A
CC   Sequence 22, Application US/08388672A
CC   Patent No. 5795961
CC    GENERAL INFORMATION:
CC      APPLICANT:  Wallace, T. Paul
CC      APPLICANT:  Harris, William J.
CC      APPLICANT:  Carr, Frank J.
CC      APPLICANT:  Old, Lloyd J.
CC      APPLICANT:  Welt, Sydney
CC      APPLICANT:  Kitamura, Kunio
CC      TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC      TITLE OF INVENTION:  Antibodies
CC      NUMBER OF SEQUENCES:  25
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Felfe and Lynch
CC        STREET:  805 Third Avenue
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10022
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/388,672A
CC        FILING DATE:  14-FEB-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Hanson, No. 5795961man D.
CC        REGISTRATION NUMBER:  30,946
CC        REFERENCE/DOCKET NUMBER:  LUD 5409
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212-688-9200
CC        TELEFAX:  212-838-3884
CC    INFORMATION FOR SEQ ID NO:  22:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  965 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  unknown
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
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  Query Match            3.6%;  Score 36;  DB 3;  Length 965;
  Best Local Similarity  15.6%;  Pred. No. 1.06e-07;
  Matches    20;  Conservative   63;  Mismatches  44;  Indels   1;  Gaps   1;

Db     776 GGTKKGURHUVHVSGGVRSTSTCTASDYTTSYWGW-VRGRGWGDYGGGYTNYNGKRGRVT 834
           |||::| :  :::: |: : :  ||:::||::: : : |  :|::      : |:  ::
Cp    3578 GGTGGGGAGGGTACAGGTCAGGATACACTTCCATTTCTGTCTGGCAAAGCCTGGGCAGCA 3519

Db     835 MADTSSNSRSSVTAADTAVYYCVRGRSYDSDGGDYWGGTTVTVSSHUVKDMTSSSSASVG 894
           : : ::  : :: | : |:::|:: : ::::| : :  ||:|: :::: :: :::: ::
Cp    3518 ACAGCCGAGAGGCAGGAAGTTCAGTGTTGCTGTAGACATTCTCTCTTCAACACCCCCCCC 3459

Db     895 DRVTTCRS 902
           : :  |::
Cp    3458 ACCACCAC 3451


Search completed: Thu Jan 13 23:42:19 2000
Job time : 157 secs.
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